

CRF Errors Corrected by the STIC Systems Branch

Serial Number: 01/831096

CRF Processing Date: 10/15/2001
Edited by: JMG
Verified by: (STIC sta

Changed a file from non-ASCII to ASCII

Changed the margins in cases where the sequence text was "wrapped" down to the next line.

Edited a format error in the Current Application Data section, specifically:

Edited the Current Application Data section with the actual current number. The number inputted by the applicant was the prior application data; or other

Added the mandatory heading and subheadings for "Current Application Data". **ENTERED**

Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.

Changed the spelling of a mandatory field (the headings or subheadings), specifically:

Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were:

Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.

Inserted colons after headings/subheadings. Headings edited included:

Deleted extra, invalid, headings used by an applicant, specifically:

Deleted: non-ASCII "garbage" at the beginning/end of files; secretary initials/filename at end of file. page numbers throughout text; other invalid text, such as

Inserted mandatory headings, specifically:

Corrected an obvious error in the response, specifically:
mispelling of "Artificial" in Artificial Sequence Globally

Edited identifiers where upper case is used but lower case is required, or vice versa.

Corrected an error in the Number of Sequences field, specifically:

A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.

Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected:

Other:

*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95

OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/831,096

DATE: 10/05/2001

TIME: 08:58:46

Input Set : N:\Crf3\09272001\I831096.raw
Output Set: N:\CRF3\10052001\I831096.raw

1 <110> APPLICANT: President and Fellows of Harvard College
2 <120> TITLE OF INVENTION: FK506-based regulation of biological events
3 <130> FILE REFERENCE: ARIAD 385A PCT/US
4 <140> CURRENT APPLICATION NUMBER: US/09/831,096
5 <141> CURRENT FILING DATE: 2001-05-03
6 <160> NUMBER OF SEQ ID NOS: 34
7 <170> SOFTWARE: PatentIn version 3.0
9 <210> SEQ ID NO: 1
10 <211> LENGTH: 14
11 <212> TYPE: PRT
12 <213> ORGANISM: Artificial Sequence
13 <220> FEATURE:
14 <221> NAME/KEY: BINDING
15 <222> LOCATION: (1)..(14)
16 <223> OTHER INFORMATION: membrane binding domain
17 <400> SEQUENCE: 1
18 Met Gly Ser Ser Lys Ser Lys Pro Lys Asp Pro Ser Gln Arg
19 1 5 10
21 <210> SEQ ID NO: 2
22 <211> LENGTH: 4
23 <212> TYPE: PRT
24 <213> ORGANISM: Artificial Sequence
25 <220> FEATURE:
26 <221> NAME/KEY: BINDING
27 <222> LOCATION: (1)..(4)
28 <223> OTHER INFORMATION: organelle targeting domain
29 <400> SEQUENCE: 2
30 Lys Asp Glu Leu
31 1
33 <210> SEQ ID NO: 3
34 <211> LENGTH: 4
35 <212> TYPE: PRT
36 <213> ORGANISM: Artificial Sequence
37 <220> FEATURE:
38 <221> NAME/KEY: BINDING
39 <222> LOCATION: (1)..(4)
40 <223> OTHER INFORMATION: organelle tagreting domain
41 <400> SEQUENCE: 3
42 His Asp Glu Leu
43 1
45 <210> SEQ ID NO: 4
46 <211> LENGTH: 42
47 <212> TYPE: DNA
48 <213> ORGANISM: Artificial Sequence
49 <220> FEATURE:
50 <221> NAME/KEY: misc_structure
51 <222> LOCATION: (1)..(42)

ENTERED

P.5

RAW SEQUENCE LISTING DATE: 10/05/2001
PATENT APPLICATION: US/09/831,096 TIME: 08:58:46

Input Set : N:\CrF3\09272001\I831096.raw
Output Set: N:\CRF3\10052001\I831096.raw

52 <223> OTHER INFORMATION: hCNA cloning oligo.12 42
53 <400> SEQUENCE: 4
54 cggggcccccc ctcgagtctta cgaccgacag ggtggtgaaa gc
56 <210> SEQ ID NO: 5
57 <211> LENGTH: 41
58 <212> TYPE: DNA
59 <213> ORGANISM: Artificial Sequence
60 <220> FEATURE:
61 <221> NAME/KEY: misc_structure 41
62 <222> LOCATION: (1)..(41)
63 <223> OTHER INFORMATION: hCNA cloning oligo.340
64 <400> SEQUENCE: 5
65 atataaaatcg ctcgagccat actggcttcc aaatttcatg g
67 <210> SEQ ID NO: 6
68 <211> LENGTH: 44
69 <212> TYPE: DNA
70 <213> ORGANISM: Artificial Sequence
71 <220> FEATURE:
72 <221> NAME/KEY: misc_structure
73 <222> LOCATION: (1)..(43)
74 <223> OTHER INFORMATION: hCNA cloning oligo.350
75 <400> SEQUENCE: 6 44
76 atataaaatcg ctcgagttta cttgggtccct tccattttgtt gggg
78 <210> SEQ ID NO: 7
79 <211> LENGTH: 58
80 <212> TYPE: DNA
81 <213> ORGANISM: Artificial Sequence
82 <220> FEATURE:
83 <221> NAME/KEY: misc_structure
84 <222> LOCATION: (1)..(58)
85 <223> OTHER INFORMATION: hCNA cloning oligo.370
86 <400> SEQUENCE: 7 58
87 ccagtagggt ctagatctgg gcccacgata taagtcgacg ttgaggacat ttaccagc
89 <210> SEQ ID NO: 8
90 <211> LENGTH: 9
91 <212> TYPE: DNA
92 <213> ORGANISM: Artificial Sequence
93 <220> FEATURE:
94 <221> NAME/KEY: misc_structure
95 <222> LOCATION: (1)..(9)
96 <223> OTHER INFORMATION: overlapping XbaI and BglII sites
97 <400> SEQUENCE: 8
98 tctagatct 9
100 <210> SEQ ID NO: 9
101 <211> LENGTH: 63
102 <212> TYPE: DNA
103 <213> ORGANISM: Artificial Sequence
104 <220> FEATURE:
105 <221> NAME/KEY: misc_structure

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/831,096

DATE: 10/05/2001

TIME: 08:58:46

Input Set : N:\Crf3\09272001\I831096.raw

Output Set: N:\CRF3\10052001\I831096.raw

106 <222> LOCATION: (1)..(63)
 107 <223> OTHER INFORMATION: hCNA cloning oligo.394
 108 <400> SEQUENCE: 9
 109 ttaatctaga tcttcacttg tcatcgcat ctttatagtc gacctttc cgggctgcag 60
 110 ctg 63
 112 <210> SEQ ID NO: 10
 113 <211> LENGTH: 41
 114 <212> TYPE: DNA
 115 <213> ORGANISM: Artificial Sequence
 116 <220> FEATURE:
 117 <221> NAME/KEY: misc_structure
 118 <222> LOCATION: (1)..(41)
 119 <223> OTHER INFORMATION: hCNB cloning oligo.2
 120 <400> SEQUENCE: 10
 121 atataaatcg ctcgaggaa atgaggcaag ttatccttg g 41
 123 <210> SEQ ID NO: 11
 124 <211> LENGTH: 38
 125 <212> TYPE: DNA
 126 <213> ORGANISM: Artificial Sequence
 127 <220> FEATURE:
 128 <221> NAME/KEY: misc_structure
 129 <222> LOCATION: (1)..(38)
 130 <223> OTHER INFORMATION: hCNB cloning oligo.3
 131 <400> SEQUENCE: 11
 132 atataaatcg ctcgagaatg aggcaagtta tcctttgg 38
 134 <210> SEQ ID NO: 12
 135 <211> LENGTH: 65
 136 <212> TYPE: DNA
 137 <213> ORGANISM: Artificial Sequence
 138 <220> FEATURE:
 139 <221> NAME/KEY: misc_structure
 140 <222> LOCATION: (1)..(65)
 141 <223> OTHER INFORMATION: hCNB/FLAG cloning oligo
 142 <400> SEQUENCE: 12
 143 ttaatctaga tctggccct cacttgtcat cgtcatctt atagtcgacc acatctacca 60
 144 ccac 65
 146 <210> SEQ ID NO: 13
 147 <211> LENGTH: 116
 148 <212> TYPE: DNA
 149 <213> ORGANISM: Artificial Sequence
 150 <220> FEATURE:
 151 <221> NAME/KEY: misc_structure
 152 <222> LOCATION: (1)..(116)
 153 <223> OTHER INFORMATION: hCNA template linkers
 154 <400> SEQUENCE: 13
 155 cgatttat gggccctcta gatctagaac cagaaccaga accagaacca gaaccagaac 60
 156 cagaaccaga accagaacca ccagaaccag aaccaccgtt gaggacattt accagc 116
 158 <210> SEQ ID NO: 14
 159 <211> LENGTH: 58

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/831,096

DATE: 10/05/2001

TIME: 08:58:46

Input Set : N:\Crf3\09272001\I831096.raw

Output Set: N:\CRF3\10052001\I831096.raw

160 <212> TYPE: DNA
 161 <213> ORGANISM: Artificial Sequence
 162 <220> FEATURE:
 163 <221> NAME/KEY: misc_structure
 164 <222> LOCATION: (1)..(58)
 165 <223> OTHER INFORMATION: CNA-CNB linker oligo.1
 166 <400> SEQUENCE: 14
 167 gaatcgcaaa tctagatctg ggcccgcat ctttatagtc gacaccagaa ccagaacc 58
 169 <210> SEQ ID NO: 15
 170 <211> LENGTH: 58
 171 <212> TYPE: DNA
 172 <213> ORGANISM: Artificial Sequence
 173 <220> FEATURE:
 174 <221> NAME/KEY: misc_structure
 175 <222> LOCATION: (1)..(58)
 176 <223> OTHER INFORMATION: CNA-CNB linker oligo.2
 177 <400> SEQUENCE: 15
 178 gaatcgcaaa tctagatctg ggcccgcat ctttatagtc gacagaacca gaaccaga 58
 180 <210> SEQ ID NO: 16
 181 <211> LENGTH: 72
 182 <212> TYPE: DNA
 183 <213> ORGANISM: Artificial Sequence
 184 <220> FEATURE:
 185 <221> NAME/KEY: misc_signal
 186 <222> LOCATION: (1)..(72)
 187 <223> OTHER INFORMATION: CNA 370 linker oligo
 188 <400> SEQUENCE: 16
 189 ggtggttctg gttctggtgg ttctggttct ggttctggtt ctggttctgg ttctggttct 60
 190 ggttctggtt ct 72
 192 <210> SEQ ID NO: 17
 193 <211> LENGTH: 24
 194 <212> TYPE: PRT
 195 <213> ORGANISM: Artificial Sequence
 196 <220> FEATURE:
 197 <221> NAME/KEY: PEPTIDE
 198 <222> LOCATION: (1)..(24)
 199 <223> OTHER INFORMATION: CNA 370 linker
 200 <400> SEQUENCE: 17
 201 Gly Gly Ser Gly Ser Gly Gly Ser Gly Ser Gly Ser Gly Ser 15
 202 1 5 10 15
 203 Gly Ser Gly Ser Gly Ser Gly Ser
 204 20
 206 <210> SEQ ID NO: 18
 207 <211> LENGTH: 21
 208 <212> TYPE: DNA
 209 <213> ORGANISM: Artificial Sequence
 210 <220> FEATURE:
 211 <221> NAME/KEY: misc_feature
 212 <222> LOCATION: (1)..(22)

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/831,096

DATE: 10/05/2001

TIME: 08:58:46

Input Set : N:\Crf3\09272001\I831096.raw
 Output Set: N:\CRF3\10052001\I831096.raw

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213 <223> OTHER INFORMATION: CNA primer.1
214 <400> SEQUENCE: 18
215     gtcgacagaa ccagaaccag a
217 <210> SEQ ID NO: 19
218 <211> LENGTH: 21
219 <212> TYPE: DNA
220 <213> ORGANISM: Artificial Sequence
221 <220> FEATURE:
222 <221> NAME/KEY: misc_feature
223 <222> LOCATION: (1)..(22)
224 <223> OTHER INFORMATION: CNA primer.2
225 <400> SEQUENCE: 19
226     gtcgacacca gaaccagaac c
228 <210> SEQ ID NO: 20
229 <211> LENGTH: 6
230 <212> TYPE: DNA
231 <213> ORGANISM: Artificial Sequence
232 <220> FEATURE:
233 <221> NAME/KEY: misc_feature
234 <222> LOCATION: (1)..(6)
235 <223> OTHER INFORMATION: Sall Site
236 <400> SEQUENCE: 20
237     gtcgac
239 <210> SEQ ID NO: 21
240 <211> LENGTH: 5
241 <212> TYPE: PRT
242 <213> ORGANISM: Artificial Sequence
243 <220> FEATURE:
244 <221> NAME/KEY: PEPTIDE
245 <222> LOCATION: (1)..(5)
246 <223> OTHER INFORMATION: GS linker repeats
247 <400> SEQUENCE: 21
248     Gly Gly Ser Gly Ser
249     1             5
251 <210> SEQ ID NO: 22
252 <211> LENGTH: 4
253 <212> TYPE: PRT
254 <213> ORGANISM: Artificial Sequence
255 <220> FEATURE:
256 <223> OTHER INFORMATION: mature CAB peptide fragment
257 <221> NAME/KEY: PEPTIDE
258 <222> LOCATION: (1)..(4)
259 <223> OTHER INFORMATION: mature CAB fragment
260 <400> SEQUENCE: 22
261     Val Asp Thr Ser
262     1
264 <210> SEQ ID NO: 23
265 <211> LENGTH: 66
266 <212> TYPE: DNA

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Use of n and / or Xaa has been detected in the Sequence Listing. Review the Sequence Listing to ensure a corresponding explanation is present in the <220> to <223> fields of each sequence using n or Xaa.

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/831,096

DATE: 10/05/2001

TIME: 08:58:47

Input Set : N:\Crf3\09272001\I831096.raw

Output Set: N:\CRF3\10052001\I831096.raw

L:374 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31

L:413 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34

OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/831,096

DATE: 09/27/2001

TIME: 14:10:11

Input Set : A:\PCT.US99.25766.ST25.txt
 Output Set: N:\CRF3\09272001\I831096.raw

3 <110> APPLICANT: President and Fellows of Harvard College
 5 <120> TITLE OF INVENTION: FK506-based regulation of biological events
 7 <130> FILE REFERENCE: ARIAD 385A PCT/US
 9 <140> CURRENT APPLICATION NUMBER: US 09/831,096
 10 <141> CURRENT FILING DATE: 2001-05-03
 12 <160> NUMBER OF SEQ ID NOS: 34
 14 <170> SOFTWARE: PatentIn version 3.0
 16 <210> SEQ ID NO: 1
 17 <211> LENGTH: 14
 18 <212> TYPE: PRT
 C--> 19 <213> ORGANISM: Arificial *Correction Made*
Miriam Harper
 21 <220> FEATURE:
 22 <221> NAME/KEY: BINDING
 23 <222> LOCATION: (1)..(14)
 24 <223> OTHER INFORMATION: membrane binding domain ✓
 27 <400> SEQUENCE: 1
 29 Met Gly Ser Ser Lys Ser Lys Pro Lys Asp Pro Ser Gln Arg
 30 1 5 10
 32 <210> SEQ ID NO: 2
 33 <211> LENGTH: 4
 34 <212> TYPE: PRT
 C--> 35 <213> ORGANISM: Arificial
 37 <220> FEATURE:
 38 <221> NAME/KEY: BINDING
 39 <222> LOCATION: (1)..(4)
 40 <223> OTHER INFORMATION: organelle targeting domain ✓
 43 <400> SEQUENCE: 2
 45 Lys Asp Glu Leu
 46 1
 48 <210> SEQ ID NO: 3
 49 <211> LENGTH: 4
 50 <212> TYPE: PRT
 C--> 51 <213> ORGANISM: Arificial
 53 <220> FEATURE:
 54 <221> NAME/KEY: BINDING
 55 <222> LOCATION: (1)..(4)
 56 <223> OTHER INFORMATION: organelle tagreting domain ✓
 59 <400> SEQUENCE: 3
 61 His Asp Glu Leu
 62 1
 64 <210> SEQ ID NO: 4
 65 <211> LENGTH: 42
 66 <212> TYPE: DNA
 C--> 67 <213> ORGANISM: Arificial
 69 <220> FEATURE:
 70 <221> NAME/KEY: misc_structure
 71 <222> LOCATION: (1)..(42)

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/831,096

DATE: 09/27/2001

TIME: 14:10:11

Input Set : A:\PCT.US99.25766.ST25.txt
 Output Set: N:\CRF3\09272001\I831096.raw

72 <223> OTHER INFORMATION: hCNA cloning oligo.12
 75 <400> SEQUENCE: 4
 76 cggccccccc ctcgagctca cgaccgacag ggtggtgaaa gc 42
 79 <210> SEQ ID NO: 5
 80 <211> LENGTH: 41
 81 <212> TYPE: DNA
C--> 82 <213> ORGANISM: Arificial
 84 <220> FEATURE:
 85 <221> NAME/KEY: misc_structure
 86 <222> LOCATION: (1)..(41)
 87 <223> OTHER INFORMATION: hCNA cloning oligo.340
 90 <400> SEQUENCE: 5
 91 atataaatcg ctcgagccat actggcttcc aaatttcatg g 41
 94 <210> SEQ ID NO: 6
 95 <211> LENGTH: 44
 96 <212> TYPE: DNA
C--> 97 <213> ORGANISM: Arificial
 99 <220> FEATURE:
 100 <221> NAME/KEY: misc_structure
 101 <222> LOCATION: (1)..(43)
 102 <223> OTHER INFORMATION: hCNA cloning oligo.350
 105 <400> SEQUENCE: 6
 106 atataaatcg ctcgagttta ctgggtccct tccattttgtt gggg 44
 109 <210> SEQ ID NO: 7
 110 <211> LENGTH: 58
 111 <212> TYPE: DNA
C--> 112 <213> ORGANISM: Arificial
 114 <220> FEATURE:
 115 <221> NAME/KEY: misc_structure
 116 <222> LOCATION: (1)..(58)
 117 <223> OTHER INFORMATION: hCNA cloning oligo.370
 120 <400> SEQUENCE: 7
 121 ccagtagggc ctagatctgg gcccacgata taagtcgacg ttgaggacat ttaccagc 58
 124 <210> SEQ ID NO: 8
 125 <211> LENGTH: 9
 126 <212> TYPE: DNA
C--> 127 <213> ORGANISM: Arificial
 129 <220> FEATURE:
 130 <221> NAME/KEY: misc_structure
 131 <222> LOCATION: (1)..(9)
 132 <223> OTHER INFORMATION: overlapping XbaI and BglII sites
 135 <400> SEQUENCE: 8
 136 tcttagatct 9
 139 <210> SEQ ID NO: 9
 140 <211> LENGTH: 63
 141 <212> TYPE: DNA
C--> 142 <213> ORGANISM: Arificial
 144 <220> FEATURE:
 145 <221> NAME/KEY: misc_structure

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/831,096

DATE: 09/27/2001

TIME: 14:10:11

Input Set : A:\PCT.US99.25766.ST25.txt
 Output Set: N:\CRF3\09272001\I831096.raw

146 <222> LOCATION: (1)..(63)
 147 <223> OTHER INFORMATION: hCNA cloning oligo.394
 150 <400> SEQUENCE: 9
 151 ttaatctaga tcttcacttg tcatcgcat ctttatagtc gacctttc cgggctgcag 60
 153 ctg 63
 156 <210> SEQ ID NO: 10
 157 <211> LENGTH: 41
 158 <212> TYPE: DNA
C--> 159 <213> ORGANISM: Arificial
 161 <220> FEATURE:
 162 <221> NAME/KEY: misc_structure
 163 <222> LOCATION: (1)..(41)
 164 <223> OTHER INFORMATION: hCNB cloning oligo.2
 167 <400> SEQUENCE: 10
 168 atataaatcg ctgcaggaa atgaggcaag ttatccttg g 41
 171 <210> SEQ ID NO: 11
 172 <211> LENGTH: 38
 173 <212> TYPE: DNA
C--> 174 <213> ORGANISM: Arificial
 176 <220> FEATURE:
 177 <221> NAME/KEY: misc_structure
 178 <222> LOCATION: (1)..(38)
 179 <223> OTHER INFORMATION: hCNB cloning oligo.3
 182 <400> SEQUENCE: 11
 183 atataaatcg ctgcagaatg aggcaagtta tccttgg 38
 186 <210> SEQ ID NO: 12
 187 <211> LENGTH: 65
 188 <212> TYPE: DNA
C--> 189 <213> ORGANISM: Arificial
 191 <220> FEATURE:
 192 <221> NAME/KEY: misc_structure
 193 <222> LOCATION: (1)..(65)
 194 <223> OTHER INFORMATION: hCNB/FLAG cloning oligo
 197 <400> SEQUENCE: 12
 198 ttaatctaga tctggccct cacttgtcat cgtcatctt atagtcgacc acatctacca 60
 200 ccatac 65
 203 <210> SEQ ID NO: 13
 204 <211> LENGTH: 116
 205 <212> TYPE: DNA
C--> 206 <213> ORGANISM: Arificial
 208 <220> FEATURE:
 209 <221> NAME/KEY: misc_structure
 210 <222> LOCATION: (1)..(116)
 211 <223> OTHER INFORMATION: hCNA template linkers
 214 <400> SEQUENCE: 13
 215 cgatttatat gggccctcta gatctagaac cagaaccaga accagaacca gaaccagaac 60
 217 cagaaccaga accagaacca ccagaaccag aaccaccgtt gaggacattt accagc 116
 220 <210> SEQ ID NO: 14
 221 <211> LENGTH: 58

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/831,096

DATE: 09/27/2001

TIME: 14:10:11

Input Set : A:\PCT.US99.25766.ST25.txt
 Output Set: N:\CRF3\09272001\I831096.raw

222 <212> TYPE: DNA
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 225 <220> FEATURE:
 226 <221> NAME/KEY: misc_structure
 227 <222> LOCATION: (1)..(58)
 228 <223> OTHER INFORMATION: CNA-CNB linker oligo.1
 231 <400> SEQUENCE: 14
 232 gaatcgc当地 tcttagatctg ggcccgcat cttagatgc gacaccagaa ccagaacc 58
 235 <210> SEQ ID NO: 15
 236 <211> LENGTH: 58
 237 <212> TYPE: DNA
 C--> 238 <213> ORGANISM: Arificial
 240 <220> FEATURE:
 241 <221> NAME/KEY: misc_structure
 242 <222> LOCATION: (1)..(58)
 243 <223> OTHER INFORMATION: CNA-CNB linker oligo.2
 246 <400> SEQUENCE: 15
 247 gaatcgc当地 tcttagatctg ggcccgcat cttagatgc gacagaacca gaaccaga 58
 250 <210> SEQ ID NO: 16
 251 <211> LENGTH: 72
 252 <212> TYPE: DNA
 C--> 253 <213> ORGANISM: Arificial
 255 <220> FEATURE:
 256 <221> NAME/KEY: misc_signal
 257 <222> LOCATION: (1)..(72)
 258 <223> OTHER INFORMATION: CNA 370 linker oligo
 261 <400> SEQUENCE: 16
 262 gggtggttctg gttctgggtgg ttctgggtct gggtctgggtt ctgggtctgg ttctgggtct 60
 264 gggtctgggtt ct 72
 267 <210> SEQ ID NO: 17
 268 <211> LENGTH: 24
 269 <212> TYPE: PRT
 C--> 270 <213> ORGANISM: Arificial
 272 <220> FEATURE:
 273 <221> NAME/KEY: PEPTIDE
 274 <222> LOCATION: (1)..(24)
 275 <223> OTHER INFORMATION: CNA 370 linker
 278 <400> SEQUENCE: 17
 280 Gly Gly Ser Gly Ser Gly Gly Ser Gly Ser Gly Ser Gly Ser
 281 1 5 10 15
 283 Gly Ser Gly Ser Gly Ser Gly Ser
 284 20
 286 <210> SEQ ID NO: 18
 287 <211> LENGTH: 21
 288 <212> TYPE: DNA
 C--> 289 <213> ORGANISM: Arificial
 291 <220> FEATURE:
 292 <221> NAME/KEY: misc_feature
 293 <222> LOCATION: (1)..(22)

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/831,096

DATE: 09/27/2001

TIME: 14:10:11

Input Set : A:\PCT.US99.25766.ST25.txt
 Output Set: N:\CRF3\09272001\I831096.raw

294 <223> OTHER INFORMATION: CNA primer.1
 297 <400> SEQUENCE: 18
 298 gtcgacagaa ccagaaccag a 21
 301 <210> SEQ ID NO: 19
 302 <211> LENGTH: 21
 303 <212> TYPE: DNA
C--> 304 <213> ORGANISM: Arificial
 306 <220> FEATURE:
 307 <221> NAME/KEY: misc_feature
 308 <222> LOCATION: (1)..(22)
 309 <223> OTHER INFORMATION: CNA primer.2
 312 <400> SEQUENCE: 19
 313 gtcgacacca gaaccagaac c 21
 316 <210> SEQ ID NO: 20
 317 <211> LENGTH: 6
 318 <212> TYPE: DNA
C--> 319 <213> ORGANISM: Arificial
 321 <220> FEATURE:
 322 <221> NAME/KEY: misc_feature
 323 <222> LOCATION: (1)..(6)
 324 <223> OTHER INFORMATION: Sall Site
 327 <400> SEQUENCE: 20
 328 gtcgac 6
 331 <210> SEQ ID NO: 21
 332 <211> LENGTH: 5
 333 <212> TYPE: PRT
C--> 334 <213> ORGANISM: Arificial
 336 <220> FEATURE:
 337 <221> NAME/KEY: PEPTIDE
 338 <222> LOCATION: (1)..(5)
 339 <223> OTHER INFORMATION: GS linker repeats
 342 <400> SEQUENCE: 21
 344 Gly Gly Ser Gly Ser
 345 1 5
 347 <210> SEQ ID NO: 22
 348 <211> LENGTH: 4
 349 <212> TYPE: PRT
C--> 350 <213> ORGANISM: Artificial
 352 <220> FEATURE:
 353 <223> OTHER INFORMATION: mature CAB peptide fragment
 355 <220> FEATURE:
 356 <221> NAME/KEY: PEPTIDE
 357 <222> LOCATION: (1)..(4)
 358 <223> OTHER INFORMATION: mature CAB fragment
 361 <400> SEQUENCE: 22
 363 Val Asp Thr Ser
 364 1
 366 <210> SEQ ID NO: 23
 367 <211> LENGTH: 66

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/831,096

DATE: 09/27/2001
TIME: 14:10:12

Input Set : A:\PCT.US99.25766.ST25.txt
Output Set: N:\CRF3\09272001\I831096.raw

L:19 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:1
L:35 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:2
L:51 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:3
L:67 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:4
L:82 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:5
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L:483 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:29
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L:519 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:31
L:532 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
L:540 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:32
L:560 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:33
L:578 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:34
L:591 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34